



DEPARTMENT OF MICROBIOLOGY

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TENDER DOCUMENT FOR THE PURCHASE OF HPLC SYSTEM IN ICMR PROJECT

TENDER No. tend/micro/icmr/KH-380

DATE OF ISSUE: 28-3-12

LAST DATE OF RECEIPT OF TENDER: 9-4-12, 4.00 pm

DATE & TIME OF OPENING: 17-4-12 at 10.00 am

TENDER FORM FEE Rs. 1000/-

EARNEST MONEY DEPOSIT (EMD): 2.5% of total cost

Tender Specifications for HPLC System

General Specifications for Analytical Cum Semi Preparative High Pressure Gradient Liquid Chromatography (HPLC SYSTEM):-

SOLVENT DELIVERY SYSTEM ----- 2 Nos.

- Flow rate range from 0.001 to 22 ml/min with 0.01 ml/min increment for carrying out semi preparative applications.
- Flow Accuracy : +/- 1.0% or better
- Max. Operating pressure : 6000psi
- Flow Calibration : Programmable
- Purge Function : Pre programmed, user initiated.

PHOTO DIODE ARRAY DETECTOR :

- Wavelength range : 190-800 nm
- No. of Photodiodes : 512 or better
- Optical resolution : 1.2 nm
- Noise : < +/- 0.5 X10⁻⁵ AU or better
- Drift : < 1 X 10⁻³ AU/Hr
- Flow cell design : Taper Slit to reduce RI effect
- Integral cuvette holder to be used as a qualitative bench top spectrophotometer
- Lamp Optimization Software built in.
- Data Acquisition rate : Upto 80 Hz.
- Auto Threshold for Peak Purity

AUTO INJECTOR:

- Injection volume range : 0.1 to 100µl with 1 µl increment upgradable to 5000 µl or better
- Injection Method: Full loop, partial loopfill and partial loop needle overflow
- Injection Reproducibility : RSD ≤ 0.3% or better
- No. of sample vials of 2 ml =90 or better
- Provision of wash between injections with variable injection volume
- Carry over: <0.05% or better
- Priority sample: Programmable

FRACTION COLLECTOR

- Fraction collector with standard rack, upto 120 tubes
- Pre-Programmed 128 Position Funnel Rack with Four (4) 4x8 Prep Funnels
- Independent RS-232 Commands for Dispenser Movement and Valve Operation
- Pre-Programmed 4-Microtiter Plate Rack holds up to four (4) SBS compliant microtiter plates, standard 96, 384 or deep wells.

SOFTWARE :

- The Software should be original, Authenticated and compliant for GLP/GMP/CFR .
- Provision of manual Integration
- **Integrated Oracle database**
- Versatility for multitasking without multiple software package.
- Customizable data reports, online help and answer wizards.
- Data integrity, Advanced security
- Maintain security and regulatory compliance

- Electronic record and electronic sign off.
- 3 D Peak Purity (Option)

Column :

- Reverse Phase C-18 (Semi Preparative)
- Analytical C-18

WARRANTY

One year warranty at site basis including all hidden cost. Purchaser will not pay any amount during warranty period. Down period will be excluded from the warranty period.

SPARES AND CONSUMMABLES

Necessary spares and consumables if required for smooth and efficient operation of HPLC system should be mentioned clearly.

COMPLIANCE

Vendor should take all necessary responsibility to quote for configuration to suit all the above applications. It should be clear that all the required features must be clearly mentioned, so that at the time of making comparative statement – we must not end up in any trouble.

SECTION – I

PROCEDURE FOR SUBMISSION OF BIDS

1. There will be Two bid system for this Tender: *Techno-Commercial bid* and *Financial bid*.
2. The Techno-Commercial Bid of the Tender should be covered in one sealed cover superscribing the words “Techno-Commercial Bid”. Likewise, the Financial Bid should also be covered in a separate sealed cover superscribing the words “Financial Bid”. The two documents viz., Techno-Commercial bid and Financial bid covers prepared as above should be enclosed in a single sealed cover marked as under:

Tender for the supply of HPLC SYSTEM

Due on 9-4-12, 4.00 pm (last date for submission).

Name & Address of the Tenderer.....

Tender should be raised in name of undersigned as:

**PRINCIPAL INVASTIGATOR
ICMR PROJECT
DEPARTMENT OF MICROBIOLOGY
PANJAB UNIVERSITY
CHANDIGARH**

Note: Price should not be indicated in the Techno-Commercial bid otherwise the Tender will be Rejected

3. Tenders received after the due date will not be accepted. If the last date for submission of Tender falls on any declared holiday in the University, the next working day will be considered as the last date for the same.
4. The bids prepared by the Tenderer and all correspondence and documents relating to the bids, shall
be written in English language
5. The contract for the supply of the items is non-transferable.
6. Tender/Offer should be type written, otherwise the same will be rejected
7. Each page of the tender document should be signed by the authorized signatory.
8. Each offer should be complete in all respects.
9. Telegraphic/electronic/conditional offers will not be accepted.

SECTION – II

TERMS AND CONDITIONS

1. **Opening of bids:** Techno-Commercial bids will be opened by the Committee after the closing date and studied. The Tenderers will be invited for presentation and clarifications if needed. Financial bids of the Tenderers complying with the prescribed Techno-commercial specifications will be opened by the Committee. Tenderers or their authorized agents may be present if they so desire during opening of the Tenders.
2. **Rejection of bids:** The Committee reserves the right to reject any or all offers without assigning any reason.
3. **Earnest Money deposit (EMD) :** The Tender bid should accompany an EMD of Rs. 30,000. The EMD should be made by means of an A/c payee DD in favour of the *Registrar, Panjab University, Chandigarh-160014* payable at Chandigarh. No interest is payable on EMD.
4. **Refund of EMD:** The EMD will be returned to unsuccessful Tenderer only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.
5. **CIF value and comparison of Financial bids:** CIF value upto *Department of Microbiology, Panjab University, Chandigarh (shipment by air upto Delhi and insured up to the installation site)* should be quoted. and will be considered for comparison of bids. Bids quoted in foreign currency will be converted into Indian Currency at the exchange rate applicable on the day of opening of the financial bids for comparison purposes.
6. **Warranty Period:** The warranty period should be *minimum 1 year (with spares)* from the date of installation with satisfactory performance as per specifications. *1 years free service* to be provided after the warranty period.
7. **PBG:** Tenderer selected for supply of equipment, will have to provide Performance Bank Guarantee (PBG) on any *scheduled bank situated in India, equivalent to 10 percent of the cost of the equipment* which should be valid until the expiry of the Warranty period. The PBG will be provided by the Company along with the letter of acceptance of the order by the Principals. Letter of Credit (LC) will be opened in favour of the Principals only after obtaining the PBG.
8. **Terms of Payment:** LC will be opened for the 100% value of the equipment, 90% of the amount will be released after the shipment and remaining 10% amount will be released on successful installation of machine.
9. **Delivery period:** Delivery should be made within *60 days* of opening of the LC
10. **Delayed delivery:** If the delivery is not made within the due date for any reason, the Committee will have the right to impose penalty as under::

i First extension for one month or part thereof @ 2%.

ii Second extension for an additional month or part thereof @ 3%

11. **Non delivery beyond extended period:** If the Tenderer fails to execute the order within the second extension mentioned above or mutually agreed time frame, the order will be cancelled and EMD forfeited by the Dept. He will also be liable for all damages imposed by *Department of Microbiology, Panjab University, Chandigarh* for non supply of equipment including the liability to pay the difference between the price accepted by him and those ultimately paid by the *Department of Microbiology, Panjab University, Chandigarh* for the equipment, Such damages will be assessed by the Committee for the purchase of HPLC System.

12. **Increased statutory levies and duties** above the rate quoted in the offer will not be an excuse for the Tenderer to delay the supply beyond the date specified in the Tender.

13. **Validity of rates:** Rates quoted should be valid for at least *4 months* from the closing date of the tenders.

14. **Consistent pricing:** The rates quoted for the Equipments by the supplier shall in no case exceed the lowest price at which the supplier of this Equipments of identical description made to any other person/organization/Institution during the above said period and should attach an undertaking in this regard

15. **Installation requirements:** The Supplier will clearly mention installation requirements on our part in the *Techno-Commercial bid*.

16. **Installation time:** The company must install the equipment *within a period of two months* of the date of delivery of the equipment at *Department of Microbiology, Panjab University, Chandigarh*.

17. **Free Installation:** The equipment and software should be installed and tested to the specifications *free of cost*.

18. **Supporting Equipment:** The Tenderer shall provide all requisite supporting equipments for the smooth working of HPLC system so that same can be purchased for the successful installation of HPLC system.

19. **Licensed Software and its upgradation:** *One user licence* for analysis software should be provided. The certified/licensed software and programs should be the part of the supplies. There should be free upgradation of software upto 5 years.

20. **Factory Acceptance Data:** Proposed acceptance criteria for the equipment should be provided by the supplier. in order to compare the performance against the quoted specifications. *Manufacturer's test certificate along with test conditions and results* is to be supplied along with the equipment.

21. **Tenderers are** advised to study all technical aspects and terms & Conditions, of the Tender documents. Submission of Tender shall be deemed to have been done after careful study and examination of the Tender Document with understanding of its implications.
22. **Only Manufacturers or Authorized dealers to bid:** The offering firm should clearly mention whether they are the manufacturer or authorized agent/dealer of the manufacturer. In case of agent for overseas manufacturer, a letter of authorization from the manufacturer should be submitted along with the offer. The Tenderer can also enclose the rates on the letterhead of the manufacturer if he has been authorized to do so by the manufacturer.
23. **Descriptive literature:** A set of specifications, description and illustrated literature of the equipment and related peripherals *should accompany the Techno-Commercial bid.*
24. **User and Service Manuals:** A set of User's manuals and Service manuals of the main instrument, attachments and related equipment should be supplied with the equipment.
25. **Equipment must be new:** The Tenderer must ensure that the equipment being offered is a new one and not refurbished or repaired one.
26. **Defective Equipment:** If any of the equipment supplied by the Tenderer is found to be substandard, refurbished, unmerchantable or not in accordance with the description /specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment has already been made to him.
27. **All damaged or unapproved goods** shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges.
28. **Damage during transit:** In case of any mishappening/damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. *Department of Microbiology, Panjab University, Chandigarh* will not be liable to any type of losses in any form.
29. **Legal jurisdiction:** Any dispute in this regard of any term of the offer and on the supply of equipment is subject to *Chandigarh jurisdiction* only.
30. **Training:** One week training should be provided free of charge at the premises of *Department of Microbiology, Panjab University, Chandigarh* to our satisfaction.

31. **Availability of Spares:** The Tenderer must assure the availability of spares for servicing of equipment *for at least 10 years*. Supplier should give an undertaking that spares parts will be supplied within the specified periods as and when ordered.

32. **Infrastructure:** *Department of Microbiology, Panjab University, Chandigarh* will provide required air conditioned space, *single phase power supply* with required electricity outlets.

33. **Clearance:** The Principals will do all types of clearance work to deliver the equipment at the site of installation. Department will provide all types of documentary support including Customs Duty Clearance. Principals will themselves have to procure any requisite permission from the Govt. Of country of origin of equipment.

34. **Agency Commission:** Agency commission, if any, should be clearly mentioned by the Principals in the form of a certificate and will be paid in Indian Currency.

35. **Bank Charges:** Bank charges in India will be borne by the Panjab University and Bank charges abroad will be borne by the suppliers.

36. **Similar Models installed:** The Tenderer must mention in the *Techno-Commercial bid* the similar model of equipment installed in India *during the last two years* and the *addresses of contact persons at these places*.

37. **Application Specialist:** The Tenderer should mention in the *Techno-Commercial bid* the availability and *names of Application Specialist and Service Engineers* in the nearest regional office.

38. **Response Time:** The Tenderer should mention in the *Techno-Commercial bid* the response time for attending to a complaint about the equipment.

39. **Change of Indian Representatives:** The original manufacturer/Principals should give an undertaking that the aforementioned warranty and availability of spares clauses will be valid even in the case of change of their representatives in India.